

Name _____ Date _____

5.1 FACTORING BINOMIALS

Factor

1. $16a^5 + 28a^2 =$

2. $42a^4 - 63a^7 =$

3. $27a^8b - 45a^2b^5 =$

4. $16a^6b^8 - 40a^2b^3 =$

5. $60a^7b^4c^5 + 36a^5bc^9 =$

6. $x^2 - 36 =$

7. $9x^2 - 25 =$

8. $49a^2 - 16b^2 =$

9. $36a^2 - 121b^4 =$

10. $100a^4 - 9b^6 =$

11. $x^3 + 125 =$

12. $x^3 - 27 =$

13. $64a^3 - 343b^3 =$

14. $27a^3 + 8b^3 =$

15. $125a^9 + 64b^6 =$

16. $216a^6 - 343b^9 =$